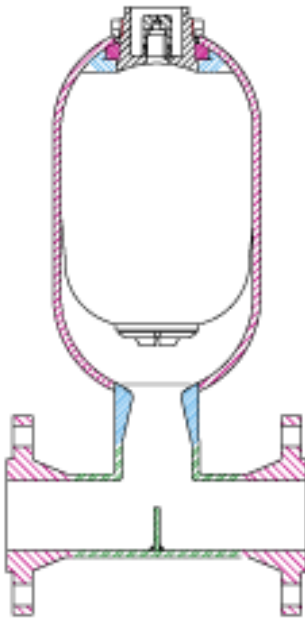


# PULSATION DAMPENERS



- Eliminate Pump Pulsations
- Custom and Standard Industrial Quality Design
- Available for High and Low Pressure Applications
- Sizes from 15 cu. in. to 40 gallon capacity
- Materials: Epoxy Coated Carbon Steel, Stainless Steel, Inconel, Cu-Ni, PVC and Hastelloy
- High Frequency Response
- Designed to operate up to 20,000 PSI

A **Suction Damper**, installed close to the pump inlet, will reduce the potential for cavitation, extend the pump life and reduce wear on the manifold and suction valves. Installed on the discharge side, a **Discharge Damper** will attenuate pump generated pressure pulsations. This will decrease mechanical vibration and noise. **Optimum pump performance can be obtained when both Suction Dampers and Discharge Dampers are installed to the pump inlet and discharge.** **Flow-through Maintenance-free suction and discharge** damper designs are also available.

Precision Filtration Products supplies Young Engineering manufactured Pulsation Dampeners. PFP offers a full line of pulsation dampeners – Suction, Discharge, and Maintenance Free – designed to reduce cavitation, vibrations and noise within a pumping system. The pulsation dampeners can be found protecting systems worldwide in RO water purification systems, Oil & Gas, petro-chemical, high pressure washing and food processing. Standard products are available in appendage and flow-through designs and can be either top or bottom repairable. Designs are available in stainless steel, carbon steel or polyvinyl chloride (PVC) as standard products.

#### Typical Applications

- Reverse Osmosis Water Purification Systems
- Food Processing and Petrochemical facilities
- Oil Field Injection
- High Pressure Wash Applications
- Metering Pump Systems